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## SMD Operations Procedures Manual

### 8.1.3.15 OPERATION OF THE MAGCOOL CRT

Text Pages 1 through 3

#### Hand Processed Changes

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Preparer(s): R. Picinich

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### **8.1.3.15 Operation of the MAGCOOL CRT**

#### **1.0 Purpose**

This procedure provides instruction on the operation of the MAGCOOL CRT (video display).

#### **2.0 Responsibilities and Scope**

The operator is responsible for the operation of the CRT.

#### **3.0 Prerequisites**

- 3.1 The operator shall be trained by a supervisor or an authorized operator.
- 3.2 Training shall include operation of control valves, open and close valves, and the starting of MAGCOOL equipment.

#### **4.0 Precautions**

- 4.1 Ensure that unauthorized personnel do not operate CRT.

#### **5.0 Procedure**

- 5.1 There are 3 types of valves in the system which are defined as follows:
  - 5.1.1 **DOV** valves are valves which are either open or closed. On the CRT, the color **YELLOW** means valve is closed. The color **RED** means the valve is open.
  - 5.1.2 **AOV** valves are modulating valves. On the CRT, the color **GREEN** means the valve may be manually adjusted from the CRT keyboard. The color **RED** mean the valve is operated automatically by the computer.
  - 5.1.3 **MOV** valves are manually opened or closed.
- 5.2 The CRT screen displays of the various pages will contain "FLAGS".  
**RED FLAG** means computer logic is **ON**.  
**GREEN FLAG** means computer logic is **OFF**.

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5.3 Equipment shown on displays such as compressors, circulating pumps, cold vacuum pump etc:

5.3.1 **RED** means equipment is **ON**.

5.3.2 **YELLOW** means equipment is **OFF**.

5.4 To display a page on the CRT screen:

5.4.1 Type the page number than press **RETURN**.  
ex. D7, press **RETURN**.  
To clear screen, press **EXIT**.

5.5 Cursor on Screen

5.5.1. Press **DD MODE**, cursor will appear.

5.5.2. Press **DD MODE**, again, cursor will disappear.

5.5.3 Move Cursor

5.5.3.1 Use either left or right arrows only.

5.5.3.2 When cursor is in position to **CHANGE A FUNCTION**, press **CLEAR** to close a valve or stop a piece of equipment.

5.5.3.3 Press **SET** to open a valve or start a piece of equipment.

5.6 A menu of available displays are found on page D1.

5.6.1 Type "D1", then press **RETURN**.

## **6.0 Documentation**

6.1 Documentation is kept in the MAGCOOL Logbook in Building 902.

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## **7.0    References**

- 7.1        An "Operation Program Guide" is given to all operators, and a copy is kept in the MAGCOOL Control Room.

## **8.0    Attachments**

None